

# THE TECH

VOL. XXXV. NO. 60

BOSTON, MASS., FRIDAY, JANUARY 7, 1916

PRICE FIVE CENTS

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## ALL-TECHNOLOGY CONCERT THIS EVENING

**Fine Program Arranged By The Combined Musical Clubs For The Event.**

The multitude have arisen and by the time this goes to press every road in Boston between Massachusetts Avenue and Tremont Street will be thronged with people or perhaps we might say droves of people all eager and madly rushing to get to the All-Technology concert of the Combined Musical Clubs. In fact, as one expressed it, a resident of this burg who ventures forth at the hour set for action will think the World's Series is being played all over again.

As for the men themselves, that is, the serenaders, they wish to announce to the public that with all due modesty, etc., etc., they will put over the best collection of classics, syncopas-

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The members of the club extend a cordial invitation to all men and women desiring to attend this meeting. Complimentary tickets may be secured by applying at the Cage or from S. S. Kwan, treasurer of the club.

## INTERCLASS TRACK MEET

The Interclass Track Meet will be held in the Gymnasium tomorrow at 2.30 P. M. sharp. Every member of the track squad is required to be present. The order of events is as follows: 100-yard dash, 220-yard dash, 440-yard run, 880-yard run, mile run, high hurdles, low hurdles, high jump and shot put.

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7.30—Chemical Society Meeting. Union.

8.00—All Technology Concert. Huntington Hall.

8.00—Chess Meet, Technology vs. Harvard. Fairfax Hall, Harvard.

Saturday, January 8, 1916.

2.30—Interclass Track Meet. M. I. T. Gym.

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One of the athletic features at Dartmouth College is the annual winter carnival, which consists of athletic and other entertainments. This winter's events will be held on February 10, 11, 12, and the athletic features will be a hockey game on Alumni Oval on February 11, with preliminary heats of the intercollegiate ski and snowshoe competitions. The finals will be contested the next afternoon. C. G. Paulson of New Hampshire State College will give an exhibition on skis and in the evening there will be a basketball game between Yale and Dartmouth.

An unsuccessful attempt was recently made to flood the newly-built hockey rink at Maine University. The system of drainage did not work so that the water could not be prevented from soaking into the ground. More trials, however, will be made as soon as the weather becomes colder.

The Engineering Society of Brown University was recently addressed by F. E. Winsor of the Providence Board of Water Supply and its chief engineer. He delivered a talk on the "Catskill Water Supply for New York City." He traced the growth of the water supply from its beginning to the present time, showing the enormous increase.

For the purpose of discussing a plan for the introduction of voluntary military training, similar to that at the Institute, at the University of Pennsylvania, a meeting of undergraduates and alumni will be held on January 6. Negotiations with the War Department at Washington have been carried as far as they can be until the next step is taken by the students and University authorities.

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## RELAY TEAM TRIALS (Continued from Page One)

out. Brock, first substitute last year, and Avery, who competed last year in the sprints and broad jump, are showing up well. Other candidates are Gagnon, Ford and Fisher.

The most promising freshmen are Bent, Whaley and Scranton. Bent and Scranton have both been doing good work. They are almost sure of positions on the freshman team, and also are making a strong bid for the empty Varsity positions. McCarten, Herzog, Jackson and McCloskey, who ordinarily run the distances, have switched to the relay. Other freshman candidates are: Strang, Schinder, Lesley, Langille and Steubenrauch.

## LEAVES FOR FRONT (Continued from Page One)

came directly to the Institute. He has been prominent as a member of the fencing team, and would have graduated from Course III in June had he remained.

## CHEMICAL SOCIETY

### "Engineering Efficiency" To Be Subject Of Talk Friday.

The Chemical Society will hold its next meeting on Friday, January 7. The subject of the meeting will be "Engineering Efficiency." Dr. Lewis of the Chemical Engineering Department is to speak on the "Tayler System of Efficiency Engineering." Mr. Magnus Alesander will speak on "The Hiring and Firing Men." Mr. Alesander is head of the Employment Department of the General Electric Company, and has a great deal of experience with the employment of men. The Chemical Society had this date reserved long before Christmas, and the musical clubs set it for their concert without consulting the calendar committee. The meeting will start promptly at 7.30, so that men wishing to go to the concert will have time to hear one speaker.

## TRACK NOTICE

The 390 yard trials which are being run off this week will count for the final heat of the 440 yard run in the Interclass Track Meet this coming Saturday.

## M. I. T. ORCHESTRA

The M. I. T. Orchestra will hold a rehearsal in the Union today at 4.00 o'clock.

The management would like to meet any men who have had experience in playing the viola, horn, or double bass, whether they possess the instruments or not, at this rehearsal.

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In Glass Humidors, 50c and 90c

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Published tri-weekly during the college year by students of the Massachusetts Institute of Technology.

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Congratulations are due the Junior Class on the unusually large attendance at the class dinner and the enthusiasm which characterized the whole evening. It is particularly worthy of note that they did not break away from the custom of holding class dinners in the Union in spite of the fact that it was their last year on this side of the river, and that the ever present temptation of going to a hotel was unusually strong. It was demonstrated pretty clearly last night that it matters not so much what or where you eat as with whom you are eating.

## THE YEARLY TRAGEDY.

The spectacle of one or two hundred students leaving the Institute every February, distressing as it is, probably gets little more than a passing thought and is regarded as inevitable. Failures may be roughly assigned to three causes: a non-scientific mental makeup, willful neglect of work, and worry due to an overwhelming sense of unperformed tasks.

Little can be said of those who fall in either of the first two classes except that it better for all that they should leave; it is the third class that really deserves the best thought that can be brought to bear upon it. Men who go to pieces in their examinations, men who are forced to leave in the middle of the term to avoid a nervous collapse—these men lose a whole year out of their lives; or may even be forced to abandon an ideal for which they have been striving all their lives.

It is usually conceded that if the Institute has trained a man how to concentrate and to efficiently use his time it has succeeded as far as that man is concerned. The overwhelming sense of unperformed duties, which leads first to a chronic state of gloom, and finally to failure or breakdown, is due to nothing else than inability to concentrate and to efficiently employ time. Yet nowhere in the curriculum can there be found the slightest hint or suggestion as to how to cultivate

## ALL TECH CONCERT

(Continued from Page One)

tion, and other classes of melody that has ever been suffered or enjoyed since the founding of the clubs back in the dark ages. The only complaint about this statement that has been heard to date, has emanated from the office of the janitors union, the members thereof proclaiming violently against too much rag by the Banjo Club, since the time elapsing between the close of the concert and the 9.00 o'clocks on Saturday is not sufficient for getting rid of the huge quantities of plaster knocked off the ceiling by madly stamping shuffling feet doing fox trots with the chairs.

As an added attraction the clubs management has secured the services of a well known reader, a Tech man who has mixed "Applied" with election and secured very entertaining results. He will interpret anything and everything from an English dude to a Southern darkey and back again.

This being positively the last appearance of the clubs before the trip and probably the last in Boston before the Spring Concert, every Technology man with the proper spirit is expected to attend and show loyalty to one of the organizations which help put his Alma Mater on the map. The Chemical Society is starting their meeting at 7.30 o'clock so that any man wanting to go to both may hear one of the first speakers at the former and all of the latter very conveniently as the concert will not begin until about 8.15.

## ROPE DRIVES

(Continued from Page One)

American system all parts of the rope drive are under the same stress and frequently last for fifteen or twenty years.

In modern practice leather belting is commonly used in the transmission of up to about 500 horse power, above which rope drive is used. This is due to the fact that rope drive is almost noiseless, costs less to install and less to maintain, and is adapted to a wide variety of different applications. The American system has an efficiency in any given case about 10 percent higher than the English system.

Before the talk began the names of a number of candidates for membership in the M. E. Society were favorably voted upon.

these fundamentals. The student is left to pick up odds and ends of useful information on these matters wherever he may be fortunate enough to find them. The problem of applying the scientific method to training in personal efficiency is yet to be worked out practically, but it would seem that Technology by the very nature of its purpose should lead the way as it has done already in so many other unconquered fields. Certainly the elimination of a very tragic phase of Institute life is worth the most careful and thorough consideration which the Faculty can give it.

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# Provisional Schedule of Semi-Annual Examinations, 1916

Subject to Correction by Bulletin.

Last exercises will be held January 19th.

**THURSDAY, JANUARY 20, 1916.**  
 Alternating Currents. tdv. 627.  
     Year G. Time 9-12  
 Alternating Current Machinery 621.  
     Year 4. Time 9-12  
 Alternating Current Machinery 623.  
     Year 4, G. Time 9-12  
 Desc. Geometry D15.  
     Year 1. Time 9-12  
 Electrical Engineering, Elements of  
 617.  
     Year 4, G. Time 9-11  
 English Entrance Condition.  
     Time 1.30-3.30  
 European Civilization and Art H33.  
     Year 2, 4. Time 1.30-4.30  
 Food Analysis Advanced 526.  
     Year 4. Time 1.30-3.30  
 Industrial Organ. Ec56.  
     Year 3. Time 1.30-4.30  
 Metallurgy 331.  
     Year 4. Time 9-12  
 Organic Chemistry II 552.  
     Year G. Time 9-12  
 Physics 802.  
     Year 3. Time 9-11  
 Political Economy Ec31.  
     Year 3, 4. Time 1.30-3.30  
 Qualitative Analysis 511.  
     Year 2. Time 1.30-4.30  
 Quantitative Analysis 512.  
     Year 2. Time 9-12  
 Reinforced Concrete Des. 158.  
     Year G. Time 1.30-4.30  
 Spherical Trig. M20.  
     Year 2. Time 1.30-3.30  
 Structures 149.  
     Year 4. Time 9-12  
 Water and Sewage, Pur. of 760.  
     Year G. Time 9-11

**FRIDAY, JANUARY 21, 1916.**  
 Bridge Design 153.  
     Year 4. Time 9-12  
 Chemistry 501.  
     Year 1. Time 9-12  
 Econ. Geology 1253.  
     Year 4. Time 9-12  
 Electrochemistry 882.  
     Year 4. Time 9-12  
 English E20.  
     Year 2. Time 1.30-3.30  
 English Literature E21.  
     Year 2. Time 1.30-3.30  
 Heating and Ventilation 256.  
     Year 3. Time 9-11  
 Machine Design 267.  
     Year 4. Time 9-11  
 Mining Engineering 302.  
     Year 3. Time 9-12  
 Philosophy of Architecture 451.  
     Year 4. Time 1.30-3.30  
 Structures 151.  
     Year 4. Time 9-12  
 Tech. Elec. Meas. 662; & Tech. Elec.  
 Meas. Lab. 665.  
     Year 4. Time 9-12  
 Theoretical Chemistry I. 565.  
     Year 3, 4. Time 9-12  
 Theoretical Chemistry II. 566.  
     Year 4. Time 9-12  
 Theory of Warship Design 1312.  
     Year 4. Time 9-12  
 Theory of Warship Design 1313.  
     Year G. Time 9-12  
 Value of Pub. Service and Other Cor.  
 129.  
     Year G. Time 9-12  
 Vital Statistics 190.  
     Year 4. Time 1.30-4.30

**SATURDAY, JANUARY 22, 1916.**  
 Applied Mechanics 229.  
     Year 4. Time 9-12  
 Applied Mechanics 230.  
     Year 4. Time 9-12  
 Biology, General 701.  
     Year 2. Time 1.30-3.30  
 Chemical Eng. II. 577.  
     Year 4. Time 9-12  
 Desc. Geometry D21.  
     Year 2 and Coll. Class. Time 1.30-4.30  
 Desc. Geometry D23.  
     Year 2 and Coll. Class. Time 1.30-4.30  
 Electric Tr. and Dist. of Power 633.  
     Year 4. Time 9-12  
 European Civ. and Art H34.  
     Year 3. Time 9-12  
 Geology, Dyn. 1231.  
     Year 2, 3. Time 9-11

Geometry, Solid. Entrance Condition.  
     1.30-3.30  
 Heat Engineering 245.  
     Year 3. Time 9-12  
 Heat Engineering 247.  
     Year 3, 4. Time 9-12  
 Military Science 20, 21.  
     Year 1. Time 9-11  
 Mining Engineering 303.  
     Year 4. Time 9-12  
 Proximate Technical Anal. 530.  
     Year 4. Time 9-12  
 Shakespeare's Plays E31.  
     Year 3. Time 1.30-4.30  
 Struc. of Metal, Wood, and Masonry  
 156.  
     Year G. Time 9-12  
 Sugar Analysis 527.  
     Year 3. Time 1.30-3.30  
 Theoret. Biology 780.  
     Year 4. Time 1.30-3.30  
 Vertebrate Anat. 710.  
     Year 3. Time 9-12

**MONDAY, JANUARY 24, 1916.**  
 Applied Mechanics 215, III, X.; 216,  
 II, XIII, XIII-A XIII-B, XV.(2);  
 217, I, XI, XV.(1); 218, VI.; 219,  
 IV.(1); 220, V.(2).  
     Year 3. Time 9-12  
 Biology of Infectious Diseases 735.  
     Year 4. Time 1.30-3.30  
 Central Stations 637.  
     Year 4. Time 9-11  
 Fire Assaying 322.  
     Year 3. Time 1.30-3.30  
 Food Analysis 525.  
     Year 3. Time 9-10.30  
 Foundations 148.  
     Year 4. Time 9-11  
 German, Advanced L31, V., VII,  
 VIII.(12); L32, VIII.(3), XIV.; L33,  
 VI, X, XV.; L34, I, XI.; L35, II.  
     Year 2. Time 1.30-3.30  
 Heat Engineering 245, 248.  
     Year 4. Time 9-11  
 Hydraulics 163, XIII.  
     Year 4. Time 9-11  
 Mathematics M11.  
     Year 1. Time 9-12  
 Quantitative Analysis 514.  
     Year 3. Time 9-12  
 Theoretical Physics I. 841.  
     Year 3. Time 9-12  
 Theoretical Physics II. 842.  
     Year 4. Time 9-12  
 Theory of Elasticity 231.  
     Year G. Time 9-12  
 Water and Air Analysis 520.  
     Year 3. Time 10.30-12  
 Water Supply and Wastes Disposal  
 522.  
     Year 4. Time 1.30-3.30

**TUESDAY, JANUARY 25, 1916**  
 Architectural History 442.  
     Year 3. Time 1.30-3.30  
 Dynamics of Mach. 243.  
     Year 4. Time 9-12  
 Electric Wiring and Light. of Bldg.  
 651.  
     Year 4. Time 1.30-3.30  
 European Civilization and Art H34A.  
     Year 4. Time 1.30-4.30  
 European Civ. and Art H35.  
     Year G. Time 1.30-4.30  
 Geometry, Plane, Entrance Condition.  
     Time 1.30-3.30

Hydraulics 162.  
     Year 4. Time 9-12  
 Industrial Chemistry I. 575.  
     Year 4. Time 1.30-3.30  
 Marine Engineering 1355.  
     Year G. Time 9-12  
 Physics 801.  
     Year 2. Time 9-12  
 Quantitative Analysis 513.  
     Year 3. Time 1.30-4.30  
 Railroad Engineering 121.  
     Year 3. Time 9-12  
 Refrigeration 254.  
     Year G. Time 9-12  
 Theory of Warship Design 1311.  
     Year 3. Time 9-12  
 Trigonometry, Plane M10.  
     Year 1. Time 9-12

**WEDNESDAY, JANUARY 26, 1916.**  
 Algebra A, Entrance Condition.  
     Time 9-11  
 Bacteriology, Adv. 734.  
     Year 4. Time 9-11  
 French I, Entrance Condition.  
     Time 1.30-3.30  
 Industrial Hygiene and San. 752.  
     Year 4. Time 1.30-3.30  
 Mathematics M21.  
     Year 2. Time 9-12  
 Mineralogy 1201.  
     Year 3. Time 9-12  
 Naval Architecture 1302.  
     Year 4. Time 9-12  
 Naval Architecture 1301.  
     Year 3. Time 9-12  
 Organic Chemistry I. 551.  
     Year 4. Time 9-12  
 Organic Chemistry 550.  
     Year 3, 4. Time 9-11  
 Professional Relations 422.  
     Year 4. Time 1.30-3.30  
 Railroad Engineering 125.  
     Year 4. Time 9-12  
 Storage Batteries and Their Appli-  
 cations 653.  
     Year 4. Time 9-11

**THURSDAY, JANUARY 27, 1916.**  
 Chemistry of Road Materials 538.  
     Year 3. Time 9-12  
 Constructive Design I. 481.  
     Year 4. Time 9-12  
 Electrical Engineering, Elements of  
 619.  
     Year 4. Time 9-11  
 Electrical Engineering, Elements of  
 618.  
     Year 3, 4. Time 9-11  
 Electrical Engineering, Principles of  
 611.  
     Year 3, 4. Time 9-12  
 French II. L62.  
     Year 1. Time 1.30-3.30  
 German, Elementary L11.  
     Year 1. Time 1.30-3.30  
 German II. L21.  
     Year 1. Time 1.30-3.30  
 Hydraulics 164 II, VI.  
     Year 4. Time 9-12  
 Mineralogy 1201.  
     Year 2. Time 9-12  
 Political Economy Ec31.  
     Year 2. Time 9-12  
 Problems in Applied Chemistry 588.  
     Year 4. Time 9-12  
 Surveying 103.  
     Year 2. Time 9-11  
 Testing Materials Lab. 239.  
     Year 4. Time 9-12

**FRIDAY, JANUARY 28, 1916.**  
 Algebra B, Entrance Condition.  
     Time 9-11  
 Applied Chemistry 585.  
     Year 2. Time 9-11  
 Biology, Elements of, 702.  
     Year 3. Time 9-11  
 Desc. Geom. D15, D16, College Class.  
     Time 9-12  
 German I, Entrance Condition.  
     1.30-3.30  
 Illumination and Photometry 655.  
     Year 4. Time 9-11  
 Railroad Fieldwork 120, S. S. Condi-  
 tion.  
     Year 3. Time 1.30-3.30  
 Structural Drawing 490.  
     Year 3. Time 9-11  
 Ventilation and Drainage 1333.  
     Year 4. Time 9-12  
 Water Power Engineering 173.  
     Year G. Time 9-12

## NEW SUMMARIES OF TECHNOLOGY MEN

### Total Registration Now Exactly Nineteen Hundred—Many Foreign Students.

The 1915-16 catalogue of the Institute shows a total student population of 1900, including post-graduate students, fellows, and those unclassified. During the past year the upper classes have increased in numbers far more than the lower classes, there being a decrease of 20 in the first year men as compared with an increase of 30, 37 and 13 respectively in the men of the fourth, third and second years. This is due to the increasing number of students who come to Technology from other colleges.

The cosmopolitan character of the student body is manifest from its total of 120 foreign students, hailing from five Asiatic, twelve European and ten American nations. Belgium, France, Switzerland, Sweden and Canada are among the few countries without representatives at Technology.

Another feature of the student list is the decrease in the number of unclassified students, there being 458 as compared with 474 in 1914. This is considered a good sign, inasmuch as the chief cause of unclassified registration is failure to keep up with the regular requirements of the courses.

### CHESS MEET TONIGHT

This evening the second Technology-Harvard chess match of the Metropolitan League will take place at Fairfax Hall, Harvard. Inasmuch as the teams have so far broken even in the scores of this year's matches, tonight's game should prove one of the hardest contests of the season. The respective standing of Harvard and Technology in the League practically depends on the result.

Entrance condition examinations, all special examinations granted by the Faculty and all examinations postponed from September are to be taken at this time, unless otherwise specifically authorized. Students entitled to examinations not on this schedule and those having two examinations on the same day should hand in one of the schedules issued by the Institute, which will be out within the next few days, checked for all their examinations not later than January 15. Assignments for special examinations and new appointments for conflicts will be mailed to students on Tuesday, January 18. None can be arranged later.

Reports will be mailed to students of age and to others not living at home to the term residence, also to the parents or guardians of students not of age. None can be given out verbally. Requests for duplicates will be received until January 19.

For the Faculty Committee on Examinations,  
 Walter Humphreys, Registrar.

The second term will begin Monday, February 7.

# THIS SCHEDULE IS PROVISIONAL ONLY.

**T. C. A. TALK FRIDAY****Hon. S. J. Elder To Discuss League For Preparedness.**

Friday noon, the T. C. A. speaker will be Hon. S. J. Elder, a prominent New England lawyer, who is to talk on "A League to Enforce Preparedness." Mr. Elder is a man of international reputation having served the United States as counsel in the North Atlantic Fisheries Arbitration with Great Britain at the Hague in 1909. Moreover, he is a constant student of national and international matters and has taken an active part in the discussions of the present problems of this country. During the past year, Mr. Elder has addressed a large number of societies and other organizations on matters regarding the great question of today—Peace and Preparedness.

The address, which was to have been given at 1.30 Thursday, has been postponed until today, due to a conflict with the inauguration of Governor McCall yesterday.

**1918 TUG OF WAR TEAM**

The picture of the 1918 Tug of War team will be taken on Jan. 13, at 1.05 o'clock at Bachrach's studio, 649 Boylston street. Every member of the team is requested to be on time and bring sweaters.

**ALUMNI BANQUET TOMORROW AT PLAZA****Prominent Men Will Speak At Annual Dinner Of Graduates.**

Plans are perfected for the annual Alumni Dinner which is to be held at the Copley Plaza tomorrow evening at 7.15 o'clock. The list of speakers will include Hon. Samuel W. McCall, Governor of the Commonwealth, President MacLaurin, Samuel Insull, President of the Commonwealth Edison Company of Chicago, and Charles A. Stone, '88, the incoming president of the association. Governor McCall is, ex-officio, a member of the Technology Corporation. Mr. Stone, the president-elect, will formally take up the management for the coming year. The committee in charge of the affair is the same one which has managed other successful banquets of the Alumni Association. It consists of George B. Glidden, '95, chairman; Harry S. Mork, '99; Don Galusha, '94; Lawrence Allen, '07; and Harold E. Kebbon, '12. A plan for a novel means of entertainment is being prepared which will be different from anything seen at former Alumni banquets.

**C. E. SOCIETY**

The next meeting of the Civil Engineering Society will be held on February 11. Professor Ralph A. Cram, head of Course IV, will be the speaker.

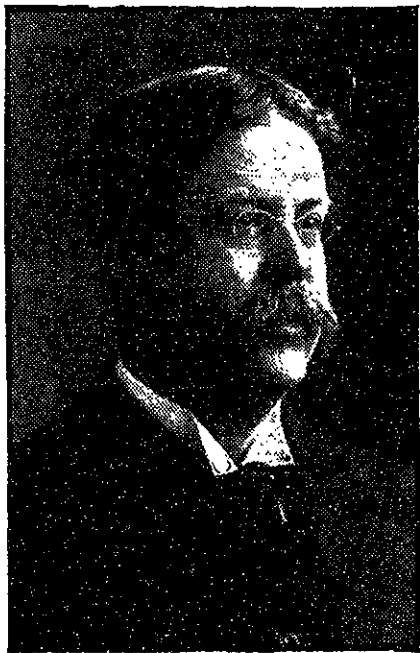
**FACULTY NOTICE**

Third Year Physics Heat Problems will be returned in the basement of Walker until January 11.

PROF. C. L. NORTON.

**PAN-AMERICAN CONGRESS**  
(Continued from Page One)

One of these is his paper before Congress which is to take up the Sanitary Aspects of Waste Disposal. Inasmuch as many of the countries have no regular national boards of health at present, the timeliness of such a discussion is self-evident. One of the missions of Professor Sedgwick in Washington is to attend the meetings of the Advisory Council of the U. S. Public Health Service, of which he is a member, and in this connection he will give two lectures to the student officers during his stay. Last week he took part in the annual meeting of the American Association of University Professors and this week



WILLIAM T. SEDGWICK, Ph.D.  
Head of Course VII

he represents the Massachusetts State Board of Health at a conference called by the American Association for the Control of Cancer.

Another of the department heads in Washington is Professor Dugald C. Jackson of Electrical Engineering, who presents on Tuesday, to the Pan-American Congress, a paper discussing the principles of technical education in schools like Technology in this country. "The Laboratories are the living forces in such instruction," said Professor Jackson, "and in them the student must be thrown on his own resources to execute the tests and investigations assigned him."

In outlining the principles of instruction under such conditions, Professor Jackson noted that the foundation of mathematics is absolutely essential with central components in the instruction of chemistry, physics and applied mechanics, but the course will not be complete without the broadening effect of history and economics. Professor Jackson further suggested the undergraduate gains by having post-graduate research work carried on in the same laboratory.

On his way home from Washington Professor Jackson will spend Wednesday evening as the guest of the Technology Club of Philadelphia which will hold a meeting at the Engineers Club on Spruce street. The topic of the evening will be the one which is at the moment in the public eye in Philadelphia; namely, "Valuations of Public Utilities" and Professor Jackson

will treat the matter from the engineering point of view. This is different in some particulars from the legal method in that in addition to the actual physical equipment, there is a value in what may be termed "intangibles," which are actually property, but of such nature that it is the court that determines their value. It is usually expected of engineers that they give suggestions to the court, but they are not generally dealt with in detail by them. The process is not an exact one, although there are some who have so considered it.

**HOCKEY NOTICE**

The following men will take the 4.00 o'clock train for Hanover this afternoon: Clarke, Cochrane, Johnson, Swain, Thomas, Tutein, Wanamaker, Woodward and Young. The locker room at the Arena will be open between 1.00 and 2.00 o'clock when these men can get their uniforms.

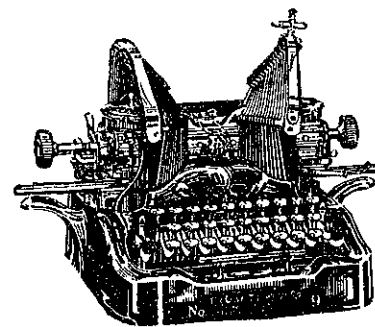
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## JUNIOR DINNER

(Continued from Page One)

its three annual banquets; he spoke of Technology spirit in comparison with the so-called college spirit of other educational institutions. The Dean brought out, very strongly, the point that the spirit which supports athletic teams and which makes the big thing of the glamour of college life is not the moving force at the Institute. The spirit which can produce a Tech Show, or a collegiate annual such as Technique, however, is the spirit of stamina and consistent effort and, to a large degree, careful planning. This, the Dean maintained, is the true Technology spirit.

The next speaker to be introduced was "Ike" Litchfield, Field Manager of the Alumni, and Editor of the Technology Review. Mr. Litchfield spoke entirely about the plans for the dedication of the New Technology next June. The Alumni have, by means of various committees, made very elaborate plans for the celebration of the most important milestone in the history of Technology. The affair will officially begin in New York, Sunday afternoon, June 11th. Here, one of the regular boats, running on the outside line chartered especially for the occasion, will take on board the Boston-bound Technology Alumni. Plans are under way for a unique entertainment that evening on board ship. The details of these plans have been purposely kept dark. Upon the arrival of the boat in Boston Harbor, Monday morning, a large delegation of undergraduate students will meet the arriving guests and escort them in a body to Huntington Hall. The meeting in Rogers is for the older Alumni only, as the seating capacity of the hall is limited. Dr. MacLaurin will address the Alumni. Following this, the next few hours are to be given over to fraternity luncheons.

In the afternoon, an inspection of the new Technology will be made. Plans for this event involve a trip across the Charles River Basin in launches; about 75 or 80 will be used. A feature of the inspection trip will be an elaborate exhibition called "Fifty Years of Technology." This exhibition is to embrace facts, perfectly represented, concerning the growth of the Institute; scientific developments; facts about educational institutions, and the like. Following the inspection, tea will be served upon the roof of the new buildings. The evening of that day, Monday, is to be taken up with class dinners. In order to properly provide for the great number of men participating, the entire City Club of Boston has been secured. Dinners will be served in the whole building. At 11 o'clock in the evening, as large a number of students as possible will congregate outside and escort the Alumni back to Rogers, where a celebration is to be held.

The following day will be spent at Nantasket. Two large boats have been chartered for transportation. After lunch at the beach, the individual class stunts will be staged. In the evening, after returning to Boston, an immense pageant will be presented in the great court of the new buildings.

This pageant is now in preparation, and is in charge of Ralph Adams Cram.

On Wednesday, a series of departmental lunches are to be given. There will also be a luncheon given at the Copley Plaza by the corporation, to which about 500 invitations will be extended. The dedication proper will occur in the afternoon. This is to be the climax of the celebration. Representatives are expected from educational institutions all over the country, and from nearly all foreign coun-



DAVIS R. DEWEY, Ph. D.  
Professor of Political Economy

tries. In the evening, the grand banquet will be held at Symphony Hall; this will be the concluding affair of the dedicational celebration.

The Alumni will require the services of at least 1000 students to act as guides, to take part in the pageant as guides and to take part in the pageant.

Following Mr. Litchfield's remarks, Dr. Dewey spoke on the topic of "Losses and Compensations." He presented the point of view of the Technology student as losing some of the generally accepted good things of the college world, but as having a vastly richer heritage of Technology compensations. Dr. Dewey expressed a hope that the undergraduates would develop their own plan of student and dormitory life at the New Institute, and not try to ape the methods employed elsewhere.

The after-dinner talks were concluded by some remarks by Henry Horn, '88, president of the Alumni Association. Mr. Horn spoke about the forty-eight separate Alumni organizations which constitute the big Alumni Association. He also spoke about the Technology Club in New York, an institution which has over a thousand members.

### TECHNIQUE ELECTORAL

#### Committee Holds First Meeting And Adopts Constitution.

Yesterday afternoon at 4.00 o'clock the 1918 Technique Electoral Committee held its first meeting. It was decided to have one meeting a week from now until mid-years. A constitution was adopted and K. Reid was elected Secretary-Treasurer of the committee. F. W. White, Jr., was elected Vice-chairman. D. G. Bradley, O. C. Lorenz and L. F. vanZelm were chosen as the committee to conduct the art competition.

J. M. DeBell, editor-in-chief of the 1917 Technique, was present and outlined the qualities a Technique board ought to possess.

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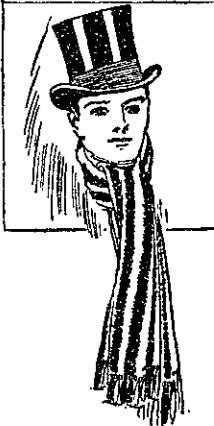
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**CIVIL ENGINEERING  
SOCIETY MEETING**

Messrs. E. F. McSweeney And  
R. E. Barrett Speak On  
Merchant Marine.

At the meeting Wednesday night two speakers, Mr. E. F. McSweeney, Chairman of the Board of Directors of the Port of Boston, and Mr. R. E. Barrett, Chief Engineer of the Board of Directors, addressed the Civil Engineering Society. Professor Spofford, who was recently appointed chairman of a committee of three engineers to act in advisory capacity for the Board of Directors, introduced the speakers.

Mr. McSweeney, who spoke on the need of a Merchant Marine, gave a history of American shipping. He explained the reasons for our present lack of marine facilities, and showed the nation's dependence for its future prosperity on the building up of our shipping interests.

Mr. Barrett showed the engineering aspects of port development with particular reference to the development of the Port of Boston. He also explained the details of the organization of the engineering staff.

**ATHLETIC COUNCIL**

There will be a meeting of the Advisory Council on athletics on Tuesday evening, January 11, at 8.00 o'clock at 295 Commonwealth Avenue.

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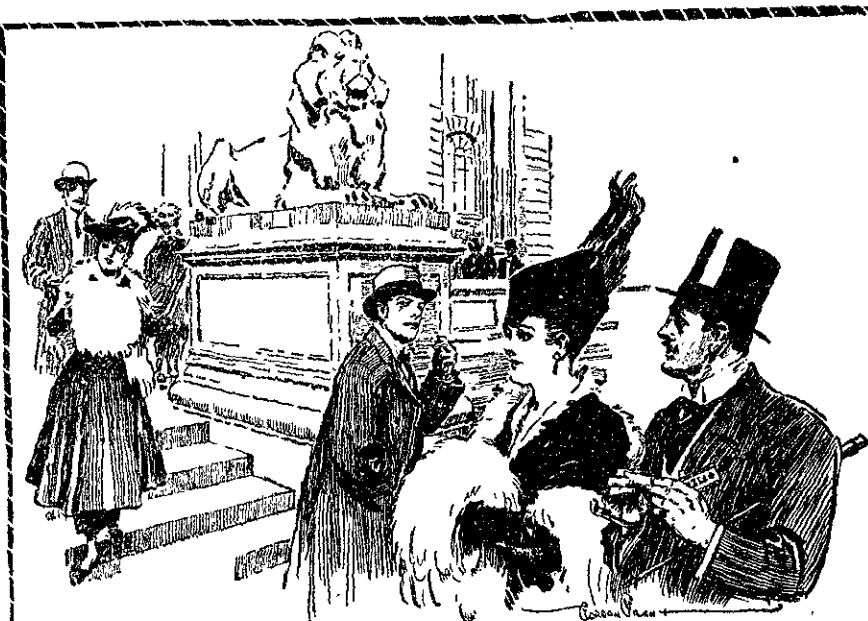
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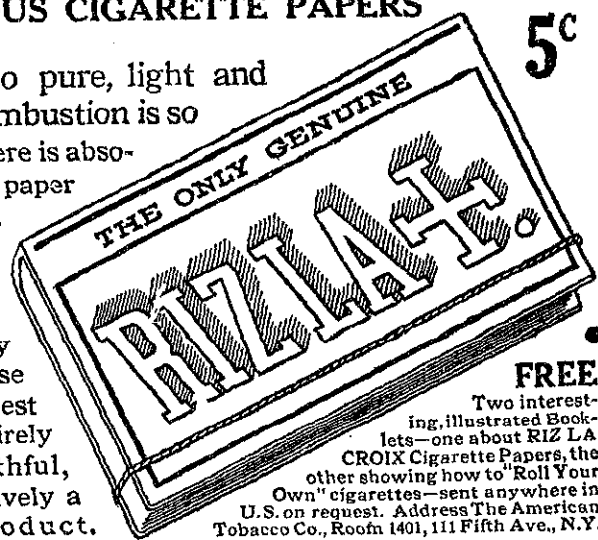
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